

PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2002-226643

(43)Date of publication of application: 14.08.2002

(51)Int.CI.

CO8L 23/08 CO8K 3/22 CO8K C08K COSL 23/12 CO8L 23/16 COSL 23/26 CO8L 53/02 COSI 83/04 HO1B HO1B

(21)Application number: 2001-029376

(71)Applicant: SUMITOMO BAKELITE CO LTD

(22)Date of filing:

06.02.2001

(72)Inventor: SHINDO TOSHIO

(54) HEAT-RESISTANT, FLEXIBLE AND FLAME-RETARDANT RESIN COMPOSITION OF NON-HALOGEN TYPE AND ITS APPLICATION PRODUCT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a heat-resistant, flexible and flame-retardant resin composition of a non-halogen type having a superior flame retardance, excellent terminal workability and cutting resistance, good mechanical strengths and processability, intended for covering of a power source cord, an insulated cable and for electric insulation parts.

SOLUTION: In this heat-resistant, flexible and flame-retardant resin composition of a non-halogen type, a metal hydrate in an amount of 50-250 pts.wt. is blended with 100 pts.wt. of a resin component comprizing (1) 15-60 wt.% of at least one polymer selected from an ethylene-ethyl acrylate copolymer and an ethylene-methyl methacrylate copolymer, (2) 10-30 wt.% of an ethylene-α- olefin copolymer, (3) 10-40 wt.% of a hydrogenated block copolymer obtained by hydrogenating a block copolymer having at least one bolymer block A composed mainly of an aromatic vinyl compound and at least one polymer block B composed mainly of a conjugated diene compound, (4) 5-10 wt.% of polypropylene and (5) 0.5-10 wt.% of a polyolefin resin modified with an unsaturated carboxylic acid.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

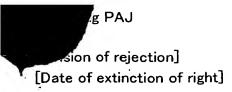
[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's



Copyright (C); 1998,2003 Japan Patent Office